

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P23689Serial No.
10/646,788INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Hiroshi NOMURAFiling Date
August 25, 2003Group
2872

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA			
<i>W</i>	2004	/0	0	4	2	0	9	3	03/04/04	NOMURA			
<i>W</i>	2004	/0	0	6	2	5	3	6	04/01/04	NOMURA			
<i>W</i>	2004	/0	0	5	1	9	6	8	03/18/04	NOMURA			
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<i>W</i>		4	6	4	3	5	5	5	02/17/87	WAKABAYASHI			
<i>W</i>		4	7	2	1	9	7	2	01/26/88	WAKABAYASHI			
<i>W</i>		4	7	9	2	8	2	2	12/20/88	AKIYAMA et al.			
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<i>W</i>		6	0	3	1	9	9	8	02/29/00	SHONO			
<i>W</i>		4	4	5	1	1	2	9	05/29/84	IKARI et al.			
<i>W</i>		4	6	4	3	5	5	4	02/17/87	OGAWA			

EXAMINER

DATE CONSIDERED

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Hiroshi NOMURA					
				Filing Date August 25, 2003		Group 2872			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4	7	7	1	3 0 3	09/13/88	MATSUMOTO et al.	
		4	8	8	7	1 0 7	12/12/89	NAKAMURA et al.	
		5	1	3	6	3 2 4	08/04/92	TSUBOI et al.	
		5	7	6	5	0 4 9	06/09/98	HASE et al.	
		5	8	3	2	3 2 6	11/03/98	TANAKA	
		6	3	6	6	3 2 3	04/02/02	SHONO	
		6	1	1	5	1 9 0	09/05/00	HIRAI	
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		5	7	3	9	9 6 2	04/14/98	ASAKURA et al.	
	2003	0	1	5	6	8 3 2	08/21/03	NOMURA et al.	
		5	5	8	7	7 5 4	12/24/96	KATAYAMA et al.	
EXAMINER						DATE CONSIDERED <u>9/17/04</u>			
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		Filing Date August 25, 2003	Group 2872

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
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	6	1 - 6 9 0 0 2	04/09/86	JAPAN				
	6	1 2 7 0 7 3 7	12/01/86	JAPAN				
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	2	2 6 2 3 5 6	06/16/93	UNITED KINGDOM				
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
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)



	1	English Language Abstract of JP 58-10708.
	2	English Language Abstract of JP 2003-207709.
	3	English Language Abstract of JP 2002-277719.
	4	English Language Abstract of JP 10-282394.
	5	English Language Abstract of JP 58-162914.

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		6	0	5	2	5	3	5	04/18/00	UNO			
		5	2	2	3	8	7	3	06/29/93	TSUBOI			
		5	0	8	6	3	1	2	02/04/92	TANAKA et al.			
		5	4	9	9	1	4	3	03/12/96	SAKAMOTO et al.			
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		6	3	2	4	0	1	9	11/27/01	TAKANASHI et al.			
		5	4	8	5	3	1	5	06/16/96	NOMURA et al.			

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	7	-	2	8	8	7	2	4	10/31/95	JAPAN			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

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